Novocastra™ Lyophilized Mouse Monoclonal Antibody MDM2 Protein

Product Code: NCL-MDM2

**Intended Use**
FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

**Specificity**
Murine double minute 2 (MDM2) gene product. Also reacts with the human homolog of MDM2 protein.

**Clone**
1B10

**Ig Class**
IgM

**Antigen Used for Immunizations**
Prokaryotic recombinant fusion protein corresponding to a site near the C-terminal of the MDM2 molecule.

**Hybridoma Partner**
Mouse myeloma (p3-NS1-Ag4-1).

**Preparation**
Lyophilized tissue culture supernatant containing sodium azide. Reconstitute with the volume of sterile distilled water indicated on the vial label.

**Effective on Frozen Tissue**
Yes

**Effective on Paraffin Wax Embedded Tissue**
Yes

**Recommendations on Use**
Immunohistochemistry on paraffin sections.

**Heat Induced Epitope Retrieval (HIER):** Please follow the instructions for use in Novocastra Epitope Retrieval Solution pH 6.

**Suggested dilution:** 1:100 (dilute primary in 1% PBS/BSA) for 30 minutes at 25 °C. This is provided as a guide and users should determine their own optimal working dilutions.

**Visualization:** Please follow the instructions for use in the Novolink™ Polymer Detection Systems.

For further product information or support, contact your local distributor or regional office of Leica Biosystems, or alternatively, visit the Leica Biosystems web site, www.LeicaBiosystems.com

The performance of this antibody should be validated when utilized with other manual staining systems or automated platforms.

**Western Blotting:** Not evaluated.

**Positive Controls**
Immunohistochemistry: Soft tissue sarcoma, osteosarcoma, high grade malignant gliomas and a small proportion of breast carcinomas.

**Staining Pattern**
Nuclear

**Storage and Stability**
Store unopened antibody at 2–8 °C. Under these conditions, there is no significant loss in product performance up to the expiry date indicated on the vial label. Do not use after expiration date indicated on the vial label. The reconstituted antibody is stable for at least two months when stored at 2–8 °C. For long term storage, it is recommended that aliquots of the reconstituted antibody are stored frozen at -20 °C (frost-free freezers are not recommended). Repeated freezing and thawing must be avoided. Prepare working dilutions on the day of use. Return to 2–8 °C immediately after use. Storage conditions other than those specified above must be verified by the user.
Warnings and Precautions

This reagent has been prepared from the supernatant of cell culture. As it is a biological product, reasonable care should be taken when handling it. This reagent contains sodium azide. A Material Safety Data Sheet is available upon request or available from www.LeicaBiosystems.com

General Overview


General References